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2 2 7003	on Act of 1995, no persons as	re required to re	U.S. Patent and Tradema	ved for use through 10/31/2002. OMB 0651-0031 ark Office: U.S. DEPARTMENT OF COMMERCE on unless it displays a valid OMB control number.	
& TRADEMARE	ATTACK OF TODO, NO POROCHO AL	31031313	Application Numb r	10/646,460	
TRA	ANSMITTA	AL	Filing Date	08/22/2003	
	FORM		First Named Inventor	Kenneth COLLINS, et al.	
(to be used for a	ll correspondence after in	nitial filing)	Group Art Unit	N/A	
			Examiner Name	Unknown	
Total Number of	of Pages in This Submissi	ion 9	Attorney Docket Number	8401 09	
		ENCL	OSURES (check	all that apply)	
	claration(s) Request ent Request ure Statement fiority g Parts/	Drawing Licensin Petition Petition Provisio Power of Change Address Termina Reques	g-related Papers to Convert to a nal Application of Attorney, Revocation of Correspondence	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below):	
	SIGNATURE	OF APPLI	CANT, ATTORNEY, OR	AGENT	
Firm or Individual name	Robert M. Walla		g. No. 29,119		
Signature	pale	5M	Wallen		
Date			09/18/2003		
CERTIFICATE OF MAILING					
			e United States Postal Servi hington, DC 20231 on this da	ce with sufficient postage as first class ate: September 18, 2003	
Typed or printed name	Shelly Hart		+ - 1		
Signature	44111	MF	Date	09/18/2003	

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for Patents, P.O. Bez 1450, Alexandria, VA 22213-1450

PATENT

Attorney Docket No. 8401 09 RW Ref. No. APM/001-02-CP9

Examiner: Unknown

Group Art Unit: Unknown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
 Kenneth COLLINS, et al.

Entitled: PLASMA IMMERSION ION
 IMPLANTATION SYSTEM INCLUDING AN
 INDUCTIVELY COUPLED PLASMA SOURCE
 HAVING LOW DISSOCIATION AND LOW
 MINIMUM PLASMA VOLTAGE

Serial No.: 10/646,460

Filing Date: August 22, 2003

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

No representation is made that more pertinent material is not available or should not be considered by the Examiner. It is expected that the Patent and Trademark Office will independently conduct a complete search of appropriate art. Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such consideration.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures, section 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed unless indicated otherwise. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

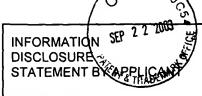
Respectfully submitted,

Dated: 09-18-2003

Robert M. Wallace Registration No. 29,119 Attorney for Applicants

Reped mulalle

Robert M. Wallace Patent Counsel 2112 Eastman Avenue, Suite 102 Ventura, CA 93003 (805) 644-4035



Sheet 1 of 6

Application Number:

10/646,460

Filing Date:

August 22, 2003

First Named Inventor: Group Art Unit:

Kenneth COLLINS, et al. Unknown

Examiner Name: Attorney Docket Number: 008401 09

Unknown

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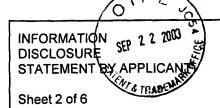
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Zhang, B.C., and Cross, R.C., "A high power radio frequency transformer for plasma production," Rev. Sci. Instrum., Vol. 69, No. 1, pp. 101-108, January 1998.

U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature:

Date Considered:



Application Number:

10/646,460

Filing Date:

August 22, 2003 Kenneth COLLINS, et al.

First Named Inventor: **Group Art Unit:**

Unknown Unknown

Examiner Name: Attorney Docket Number: 008401 09

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	JP 59-86214	18.5.1984	JAPAN	UNKNOWN	NO
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Examiner NON PATENT LITERATURE DOCUMENTS Initials

Examiner's Signature:

Date Considered:

INFORMATION DISCLOSURE

STATEMENT BY APPLICA

Application Number:

10/646,460

Filing Date: First Named Inventor: August 22, 2003 Kenneth COLLINS, et al.

Group Art Unit:

Unknown

Examiner Name:

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Sheet 3 of 6

Attorney Docket Number: 008401 09

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Examiner NON PATENT LITERATURE DOCUMENTS Initials

Examiner's Signature:

Date Considered:

INFORMATION' DISCLOSURE STATEMENT BY APPLICANT

Sheet 4 of 6

Application Number:

10/646,460

Filing Date: First Named Inventor: August 22, 2003

Group Art Unit: Examiner Name: Kenneth COLLINS, et al. Unknown Unknown

Attorney Docket Number: 008401 09

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Examiner's Signature:

Date Considered:

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INFORMATION THANK STATEMENT BY APPLICANT

Sheet 5 of 6

Application Number:

10/646,460

Filing Date:

August 22, 2003

First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit:

Unknown

Examiner Name: Attorney Docket Number: 008401 09

Unknown

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Initials

Examiner's Signature:

Date Considered:

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 6 of 6

Application Number:

10/646,460

Filing Date:

August 22, 2003

First Named Inventor: Group Art Unit:

Kenneth COLLINS, et al.

Unknown

Examiner Name:

Unknown Attorney Docket Number: 008401 09

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

Examiner's Signature:

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